FUZZYSCAN FAMILY

Quick Start Guide

FUZZYSCAN

FUZZYSCAN

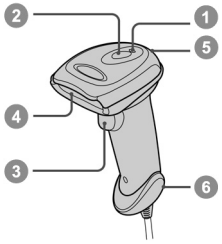
BARCODE IMAGER

cino

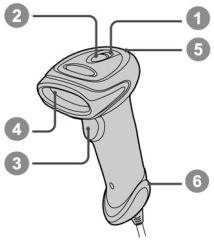
Getting Familiar with Your FuzzyScan

Thank you for choosing Cino FuzzyScan Imager. All FuzzyScan imagers deliver world-class performance for a broad range of applications to unleash your productivity. This document provides an easy reference for installation and operation purposes. A complete documentation is provided by the FuzzyScan Programming Manual available at **www.cino.com.tw**.

F700 Series

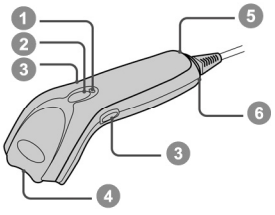


F600 Series



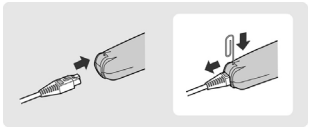
1. Power Indicator
2. Status Indicator
3. Trigger
4. Scan Window
5. Beeper
6. Cable Release Hole

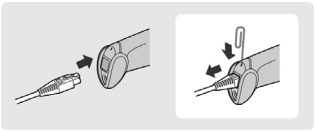
F400 Series



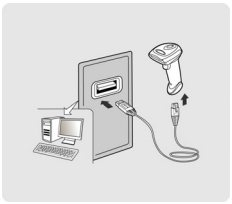
Connecting to Your Host

FuzzyScan imagers support PS/2(DOS/V) Keyboard Wedge, RS-232 Serial, and USB interfaces. Please choose your desired interface cable, then plug it into the cable interface port of the imager and connect it to the host. If you would like to remove the cable, please straighten one end of a paper clip, then insert it into the cable release hole to pull out the cable.

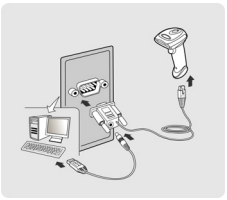




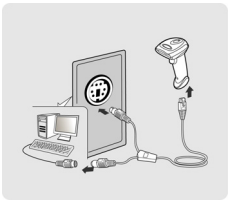
USB



RS232 Serial



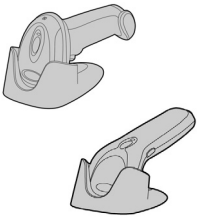
PS/2(DOS/V) Keyboard Wedge



Using Accessories

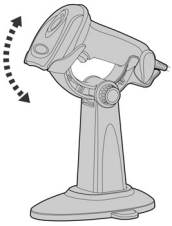
You can enhance productivity of your workforce by using various accessories to fulfill a wide variety of application demand.

Universal Holder



A stylish Universal Holder is designed for storing your imager when not in use. It serves to protect the imager from lens-scratched or falling. Moreover, its artistic-design enhances the entire value of the imager.

Hand-free SmartStand



A SmartStand is specifically designed for hand-free applications to maximize user's comfort and productivity. You can adjust the scanner holder to desired position for optimized scanning.

Thanks to the auto-sense design, the imager is capable of switching between presentation scanning and hand-held scanning automatically while working with SmartStand.

Please note that the SmartStand is not applicable for F400 Series imager.

Host Interface Quick Set

RS232 Serial

PS/2 (DOS/V) KBW Standard Mode

◆USB HID Standard Mode

USB Com Port Emulation

Keyboard Replacement

PS/2 (DOS/V) KBW Turbo Mode

USB HID Turbo Mode

Operation Mode Quick Set

Low Power (Low power trigger)

Presentation (Auto sensing)

Flash (Pulse driven reading)

Toggle (Repeat reading)

Level (Auto power off)

◆Trigger Mode (External trigger)

Alternative (Periodic power off)

Force (Continued power on)

Diagnostic (Test reading)

Keyboard Interface Quick Set

- Record Suffix -

None

◆RETURN

TAB

SPACE

ENTER

- Keyboard Layout -

◆USA

France

Germany

United Kingdom-UK

Canadian French

Spain

Latin America

Nertherlands

Japan

Serial Interface Quick Set

- Record Suffix -

None

LF

TAB

◆CR

CRLF

SPACE

- Baud Rate -

38.4K BPS

4800 BPS

1200 BPS

19.2K BPS

2400 BPS

600 BPS

◆9600 BPS

300 BPS

- Data Frame -

◆8, None, 1

8, None, 2

7, None, 2

8, Odd, 1

7, Odd, 1

7, Odd, 2

8, Even, 1

7, Even, 1

7, Even, 2

8, Space, 1

7, Space, 1

7, Space, 2

8, Mark, 1

7, Mark, 1

7, Mark, 2

System Commands

PROGRAM
(Enter Programming Mode)

END
(Exit Programming Mode)

System Information

Factory Default

PowerTool Host Link

Save User Default

User Default

Keyboard Interface Control

Command	Parameter Selection		Option Code	
Keyboard Layout	USA ◆ France Germany United Kingdom-UK Canadian French Spain Sweden/Finland Portugal Norway	Latin America Italy Netherlands Denmark Belgium Switzerland-Germany Iceland Japan Universal	00 01 02 03 04 05 06 07 08	09 10 11 12 13 14 15 16 99
Record Suffix	None RETURN ◆ TAB SPACE	ENTER User define character	0 1 2 3	4 5
Preamble	None ◆ 1-15 characters		FIN [00-7F], [FIN]	
Postamble	None ◆ 1-15 characters		FIN [00-7F], [FIN]	
Intermessage Delay	None ◆ 1-99 (x5) msec.		FIN (2 digits)	
Intercharacter Delay	None ◆ 1-99 (x5) msec.		FIN (2 digits)	
Interfunction Delay	None ◆ 1-99 (x5) msec.		FIN (2 digits)	
Caps Lock Control	"Caps Lock Off" State ◆ "Caps Lock On" State Auto Detect		0 1 2	
Caps Lock Release Control	"Caps Lock On, Caps Off" ◆ "Caps Lock On, Shift Off"		0 1	
Function Key Emulation	Enable ASCII 00-31 as KB function code output ◆ Enable ASCII 00-31 as Ctrl-xx output		0 1	
Key Pad Emulation	Disable key pad emulation ◆ Enable numeric output as key pad output		0 1	
Upper/Lower Case	Normal case ◆ Inverse case Upper case Lower case		0 1 2 3	

Serial Interface Control

Command	Parameter Selection		Option Code	
STX/ETX Control	Disable STX/ETX transmission ◆ Enable STX/ETX transmission		0 1	
Record Suffix	None CR ◆ LF CRLF	TAB SPACE User define character	0 1 2 3	4 5 6
Preamble	None ◆ 1-15 characters		FIN [00-7F], [FIN]	
Postamble	None ◆ 1-15 characters		FIN [00-7F], [FIN]	
Handshaking Protocol	None ◆ RTS/CTS ACK/ NAK Xon/Xoff		0 1 2 3	
Intermessage Delay	None ◆ 1-99 (x5) msec.		FIN (2 digits)	
Intercharacter Delay	None ◆ 1-99 (x5) msec.		FIN (2 digits)	
Interfunction Delay	None ◆ 1-99 (x5) msec.		FIN (2 digits)	
Time Out Control	None 200 msec. 500 msec. ◆	1 sec. 2 sec. 5 sec. User define value (sec.)	0 1 2	3 4 5 6

Message String Breakdown

Keyboard interface output (PS/2, DOS/V, USB HID)

Preamble	Data Length	Prefix ID	Scanned Data	Suffix ID	Postamble	Record Suffix
1-15 char.	2-3 digits	1 or 2 char.	Variable	1 or 2 char.	1-15 char.	1 char.

Serial interface output (RS-232, USB COM Port Emulation)

STX	Preamble	Data Length	Prefix ID	Scanned Data	Suffix ID	Postamble	ETX	Record Suffix
1 char.	1-15 char.	2-3 digits	1 or 2 char.	Variable	1 or 2 char.	1-15 char.	1 char.	1 char.

Operation and Output Control

Command	Parameter Selection		Option Code	
Inverse Reading	Disable ◆ Enable		0 1	
Redundancy	None Level 1 ◆ Level 2 Level 3	Level 4 Level 5 Prevent potential miss reading	0 1 2 3	4 5
Power On Indicator	Disable (LED off) LED steady on ◆ LED flash		0 1 2	
Vibrator	Disable Enable ◆ Optional function		0 1	
Dollar Sign Output	Dollar sign output as " $ " ◆ Dollar sign output as " ¥ " Dollar sign output as " € "	Dollar sign output as " £ " Dollar sign output as "¢ "	0 1 2	3 4
Good Read Delay	None ◆ 200 msec. 500 msec.	1 sec. 1.5 sec. 2 sec. 3 sec.	0 1 2	3 4 5 6
Reread Delay	Disable Immediate time out ◆ Short time out Medium time out	Long time out Force verification	0 1 2 3	4 5
Auto Power Off Duration	Short ◆ Medium Long Extremely long		0 1 2 3	
Good Read Duration	Short Medium ◆ Long Extremely long		0 1 2 3	
Hand Free Time-out	Short ◆ Medium Long Extremely long		0 1 2 3	
Buzzer Tone Adjust	Buzzer tone – mute Buzzer tone – low Buzzer tone – medium ◆ Buzzer tone – high Buzzer tone – extremely high Power–on beep ◆ No Power–on beep		0 1 2 3 4 5 6	

Option Codes

0

1

2

3

4

5

6

7

8

9

A

B

C

D

E

F

FIN (Finish)

END (Exit)

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Regulatory

FC	FCC part 15B
CE	EN55022, EN55024, EN61000-3-2, EN61000-3-3
	CNS13438
	Industry Canada ICES-003
LED Eye Safety	IEC60825-1, EN60825-1

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